

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|---|------------------|---------|------------------|
| S1 | 28878 | (current WITH pulse) SAME (magnet\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/11 15:08 |
| S2 | 204 | (current WITH pulse) SAME (magnet\$4) and blocking WITH temperature | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/11 15:08 |
| S3 | 102 | (current WITH pulse) SAME (magnet\$4) and blocking WITH temperature and ((resistance OR resistivity) SAME magnetiza\$6) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/11 15:09 |
| S4 | 103 | (current WITH pulse\$4) SAME (magnet\$4) and blocking WITH temperature and ((resistance OR resistivity) SAME magnetiza\$6) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/11 15:11 |
| S5 | 1 | (10/559915).APP. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2010/08/11 15:22 |
| S6 | 150 | (current WITH pulse) SAME (magnet\$4) WITH properties WITH (chang\$4 OR adjust\$4 OR modif\$5) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/11 15:24 |
| S7 | 4 | ("3643112" "4017744" "4571499").PN. OR ("4754177").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/11 15:27 |
| S8 | 30 | (electric\$4 WITH current WITH pulse) SAME (magnet \$4) WITH properties WITH (chang\$4 OR adjust\$4 OR modif\$5) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/11 15:30 |
| S9 | 6 | ("20040159828" "5274249" "5527567" "6204139" "6653703" "7029924").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/11 15:41 |
| S10 | 1 | ("6473332").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2010/08/11 15:41 |

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| S11 | 45 | (electric\$4 WITH current WITH pulse) SAME (microstructure OR properties) WITH (chang \$4 OR adjust\$4 OR modif \$5) AND magnetic.bsum. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/11 15:48 |
| S12 | 971 | (electric\$4 WITH current) SAME (microstructure OR properties) WITH (chang \$4 OR adjust\$4 OR modif \$5) AND magnetic.bsum. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/11 16:05 |
| S13 | 567 | (electric\$4 WITH current) SAME magnetic WITH (microstructure OR properties) WITH (chang \$4 OR adjust\$4 OR modif \$5) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/11 17:14 |
| S14 | 151 | (electric\$4 WITH current WITH puls\$4) SAME (microstructure OR properties) WITH (chang \$4 OR adjust\$4 OR modif \$5) WITH (electric\$4 OR magnet\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/11 17:15 |
| S15 | 92 | (electric\$4 WITH puls\$4) SAME (microstructure OR properties) WITH (chang \$4 OR adjust\$4 OR modif \$5) WITH (magnet\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/11 17:16 |
| S16 | 347 | (electric\$4 near3 current) SAME (microstructure OR properties) WITH (chang \$4 OR adjust\$4 OR modif \$5) WITH (magnet\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/11 17:23 |
| S17 | 213 | (electric\$4 near3 current) SAME (properties) WITH (chang\$4 OR adjust\$4 OR modif\$5) and magnetoresist\$6 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/11 17:25 |
| S18 | 96 | (electric\$4 near3 current) WITH heat\$4 AND heat\$4 WITH (properties) WITH (chang\$4 OR adjust\$4 OR modif\$5) and magnetoresist\$6 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/11 17:56 |
| S19 | 2 | (electric\$4 near3 puls\$4) WITH heat\$4 AND heat\$4 WITH (properties) WITH (chang\$4 OR adjust\$4 OR modif\$5) and magnetoresist\$6 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/11 17:57 |

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| S20 | 5 | (electric\$4 near3 puls\$4) WITH heat\$4 AND heat\$4 WITH magnetization WITH (chang\$4 OR adjust\$4 OR modif\$5) and magnetoresist\$6 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/11 18:23 |
| S21 | 1 | ("6501678").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2010/08/11 18:29 |
| S22 | 1772 | electric\$4 WITH (current OR puls\$4) WITH properties WITH magnetic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/11 22:57 |
| S23 | 166 | electric\$4 WITH (puls\$4) WITH properties WITH magnetic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/11 22:59 |
| S24 | 582 | electric\$4 WITH (current OR puls\$4) WITH properties and magnetoresist\$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/11 22:59 |
| S25 | 154 | electric\$4 WITH (puls\$4) WITH properties and magnetoresist\$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/11 22:59 |
| S26 | 22 | electric\$4 WITH (current OR puls\$4) SAME (magnetic field) SAME blocking temperature SAME (cool\$4 OR ((decreas\$4 OR lower\$4) WITH temperature)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/12 00:23 |
| S27 | 1 | ("5561896").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2010/08/12 00:47 |
| S28 | 7 | electric\$4 WITH (current OR puls\$4) SAME (magnetic field) SAME blocking temperature WITH bias WITH (layer OR film OR coat\$4) SAME (cool\$4 OR ((decreas\$4 OR lower\$4) WITH temperature) OR chill\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/12 01:02 |
| S29 | 7 | electric\$4 WITH (current OR puls\$4) SAME (magnetic field) SAME blocking temperature WITH bias WITH (layer OR film OR coat\$4) AND (cool\$4 OR ((decreas\$4 OR lower\$4) WITH temperature) OR chill\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/12 01:13 |

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| S30 | 7 | electric\$4 WITH (current OR puls\$4) SAME (magnetic field) SAME blocking temperature WITH bias WITH (layer OR film OR coat\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/12 01:15 |
| S31 | 10 | electric\$4 WITH (current OR puls\$4) SAME (magnetic near3 field) SAME blocking near3 temperature SAME bias WITH (layer OR film OR coat\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/12 01:22 |
| S32 | 0 | perovskite AND QMR AND bridge | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/12 02:08 |
| S33 | 513 | QMR AND bridge | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/12 02:08 |
| S34 | 58 | QMR AND bridge WITH configuration | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/12 02:08 |
| S35 | 916 | colossal near2 magnetoresist\$4 OR QMR AND infrared WITH (detector OR sensor) AND bridge | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/12 11:17 |
| S36 | 915 | colossal near2 magnetoresist\$4 OR QMR AND infrared WITH (detector OR sensor) AND bridge WITH (generally OR common\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/12 11:17 |
| S37 | 915 | colossal near2 magnetoresist\$4 OR QMR AND infrared WITH (detector OR sensor) SAME bridge WITH (general\$4 OR common\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/12 11:18 |
| S38 | 9 | (colossal near2 magnetoresist\$4 OR QMR) AND infrared WITH (detector OR sensor) AND bridge | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/12 11:18 |
| S39 | 28 | (colossal near2 magnetoresist\$4 OR QMR) AND bridge and perovskite | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/12 11:31 |
| S40 | 4 | (colossal near2 magnetoresist\$4 OR QMR) AND bridge and (infrared WITH (sensor OR detector)).bsum. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/12 11:34 |

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| S41 | 13 | (colossal near2 magnetoresist4 OR GMR) AND bridge and (infrared WITH (sensor OR detector)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/12 11:34 |
| S42 | 5 | ("20010020847" "5561896" "5974657" "6292335" "6501678"). PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/08/12 15:25 |

EAST Search History (Interference)

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8/ 13/ 2010 1:55:47 AM**H:\ EAST Workspaces\ Production****\ Ruigrok_10559915_current_pulse_barrier_energy_adjust_properties03.wsp**